PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 490267 SMR/add	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.			
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/NZ2003/000232	20 October 2003		18 October 2002		
Applicant					
SILCOCK, Patrick Joseph et al					
This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.					
This international search report consists of a total of 2 sheets.					
It is also accompanied by a copy of each prior art document cited in this report.					
1. Basis of the report					
a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.					
the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).					
b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:					
contained in the international application in written form.					
filed together with the international application in computer readable form.					
furnished subsequently to this Authority in written form.					
furnished subsequently to this Authority in computer readable form.					
the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.					
the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished					
2. Certain claims were found unsearchable (See Box I).					
3. Unity of invention is lacking (See Box II).					
4. With regard to the title,	the text is approved as su	bmitted by the applican	t.		
Π	the text has been established	hed by this Authority to	read as follows:		
5. With regard to the abstract,	the text is approved as su	bmitted by the applican	t		
		n one month from the d	38.2(b), by this Authority as it appears in Box III. ate of mailing of this international search report,		
6. The figure of the drawings to be published with the abstract is Figure No. 1					
	as suggested by the appli	cant.	None of the figures		
- X	because the applicant fai	led to suggest a figure			
·	because this figure better	characterizes the inven	tion		

Form PCT/ISA/210 (first sheet) (July 1998)



International application No. PCT/NZ2003/000232

A. .	CLASSIFICATION OF SUBJECT MATTER				
Int. Cl. 7: A61K 38/01, 38/17, 6/00; A61P 19/08, 1/00					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI, Medline: casein, phosphoprotein, calcium, magnesium, iron, zinc, copper, cross link					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category*	Citation of document, with indication, where a	Relevant to claim No.			
X	O'Sullivan, M.M. "Influence of transglutaminase treatment on some physico-chemical properties of milk" Journal of Dairy Research (2002) 69 p433-442 1-38, 42,4				
x	Aboumahmoud, R. et al "Crosslinking of Whey Protein by Transglutaminase" J. Dairy Science (1990) 73, p256-263 Pages 257 & 259				
X.	Aoki, T. et al "Caseins are cross-linked through their ester phosphate groups by colloidal calcium phosphate" Biochimica et Biophysica Acta (1987) 911, p238-243				
X	Zhang, Z. P. "Behaviour of Calcium and P J. Dairy Science (1996) 79, p 1722-1727	1-38, 42,43			
X	Aoki, T. "The Least Number of Phosphate Groups for Crosslinking of Casein by Colloidal Calcium Phosphate" J. Dairy Science (1992) 75: p971-975. Pages 971, 974.				
Further documents are listed in the continuation of Box C See patent family annex					
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, "T" later document published after the international filing date or pri and not in conflict with the application but cited to understand the or theory underlying the invention document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document is considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is			cannot be inventive step cannot be c		
exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed					
Date of the actual completion of the international search 26 February 2004 Date of mailing of the international search report - 8 MAR 20					
Name and mailing address of the ISA/AU Authorized officer					
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